

TRH Receptor Rabbit pAb

Catalog # AP98390

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	P34981
Other Accession	P34981
Host	Rabbit
Clonality	Polyclonal
Calculated MW	45085
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human TRH Receptor
Epitope Specificity	121-220/398
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the G-protein coupled receptor 1 family.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	This gene encodes a G protein-coupled receptor for thyrotropin-releasing hormone (TRH). Upon binding to TRH, this receptor activates the inositol phospholipid-calcium-protein kinase C transduction pathway. Mutations in this gene have been associated with generalized thyrotropin-releasing hormone resistance. [provided by RefSeq, Sep 2011]

Additional Information

Gene ID	7201
Other Names	CHNG7; TRH-R; TRH-R1; TRFR_HUMAN; TRHR; Thyroliberin receptor; TRHR_MOUSE; TRHR_RAT; thyrotropin releasing hormone receptor; thyrotropin-releasing hormone receptor
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	TRHR
Function	Receptor for thyrotropin-releasing hormone (TRH). Upon ligand binding, this G protein-coupled receptor triggers activation of the phosphatidylinositol

(IP3)-calcium-protein kinase C (PKC) pathway.

Cellular Location

Cell membrane; Multi-pass membrane protein

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.